ABSTRACT OF THE DISCLOSURE

A side shifting and fork positioning assembly for a lift truck is disclosed. The assembly includes a carriage which moves in a lift truck mast. The carriage includes a pair of horizontally spaced apart vertical members and a frame support member secured transversely to the vertical members. A side shift frame slides on the carriage. An upper cross member of the side shift frame supports two forks along their hook portion. Hydraulically actuated cylinders located in the frame support member move the side shift frame. The assembly also includes first and second fork shoes movably secured to the side shift frame. Each of the fork shoes define a contact surface to engage the forks. The contact surface of the fork shoes is located no further forward than a front face of the upper cross member. The assembly includes a fork positioner which moves the first fork shoe relative to the second fork shoe, where the fork shoes are maintained at an equal distance from the center of the side shift frame.